

KUDRYASHOVA, N.A.; KOLOBKOVA, E.V.; TSITSYN, N.V., akademik.

Content of free amino acids in dormant seeds. Dokl. AN SSSR 91 no.6:1365-
1368 Ag '53. (MLBA 6:8)

1. Akademiya nauk SSSR (for TSitsyn). 2. Glavnyy botanicheskiy sad Akademii
nauk SSSR (for Kudryashova, Kolobkova). (Amino acids) (Seeds)

CHIRKOVSKIY, V.I.; TSITSIN, N.V., akademik.

Effect of seed ageing on the development of tobacco growth. Dokl. AN SSSR 92
no.2:439-442 S '53. (MIRA 6:9)

1. Akademiya nauk SSSR (for Tsitsin). 2. Vsesoyuznyy nauchno-issledovatel'skiy
institut tabaka i makhorki (for Chirkovskiy). (Tobacco)

SINSKAYA, Ye.N.; TSITSIN, N.V., akademik.

Biological and physiological bases for the taxonomy of cultivated flax. Dokl.
AN SSSR 92 no.4:855-858 0 '53. (MLRA 6:9)

1. Akademiya nauk SSSR (for Tsitsin). 2. Vsesoyuznyy nauchno-issledovatel'-
skiy institut maslichnykh kul'tur, Krasnodar (for Sinskaya). (Flax)

FLEROV, A.F.; FLEROV, V.A.; TSITSIN, N.V., akademik.

Regeneration of organs in plants. Dokl.AN SSSR 93 no.2:365-367 N '53.
(MLRA 6:10)

1. Nauchno-issledovatel'skiy biologicheskiy institut pri Rostovskom gosudarstvennom universitete imeni V.M.Molotova (for Flerov). 2. Akademiya nauk SSSR (for TSitsin).
(Regeneration (Botany))

TSITSIN, N. V.

O roli nauki i proizvodstvennogo opyta v dal'neyshem pod'yeme sel'skogo khozyaystva
SSSR (The role of science and practical experience in the continued development of
agriculture in the U.S.S.R.) Moskva, Izd-vo "Znaniye," 1954. 31 p.

SO: N/5
720
.T8

TSITSIN, N. V.

5654. TSITSIN, N. V. O Roli Nauki i Proiz³dstvennogo Opyta v Dal'neyshem Pod'³'eme Sel'skogo Khozyaystva SSSR. Kazan' 1954. 34s Vkl'yuch. Obl. 22sm. (M-Vo Kul'tury Tassr. Resp. Lektsionnoye Byuro) 2000 Ekz. Bspl--Na Tatar. Yaz--(54-56725)
63.0015 / 63 st.

SO: Knizhnaya, Letopis, Vol. 1, 1955

TSITSIN, N. V.

6746. Tsitsin, N. V. Vsenarodnyy smotr dostizheniy sotsialisticheskogo sel'skogo khozyaystva. (Vsesoyuz. s.-kh. vystavka). Riga, Latgosizdat, 1954. 60 s. s. Ill. 22 sm. (Vsesoyuz. o-vo po rasprostraneniyu polit. i nauch. znaniy). 3.000 ekz. 90 k.-- "a Latysh. yaz.-(55-1527)
63 (064) (47)

SO: Knizhnaya letopis' No. 6, 1955

TSITSIN, N. V.

4609. Vsenarofnyy smotr dostizheniy sotsialisticheskogo sel'skogo khozyaystva.
(Vsesoyuz. s. Kh vystavka). Baku, Detyunizdat, 1954. 84 s. S ill. 20 sm. (B-Ka
Molodogo Kolkhoznika). 13.000 Ekz. 1R. 20K. Na Azerbaydzh. Yaz. - (54-57054)
63(064) (47)

SO: Letopis' Zhurnal'nykh Statey, Vol. 7, 1949

101 017, R. 11, 11.

527N/5
918.720
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Vsesoyuznaya Sel'skokhozyaystvennaya Vystavka; Putevoditel' (The All-Union
Agricultural Exhibition; a Guide) Moskva, Putevoditel', 1954.

252 P. Illus., Map.

TSITSIN, N.V.

[Remote hybridization of plants] Otdalennaiia gibrizatsiia rastenii.
Moskva, Sel'khozgiz, 1954. 431 p.
(MLRA 7:11D)

TSISTIN, N. (Acad.) USSR.

"Distant Hybridization of Plants." Science and Culture ^{19, 8, 1954} Text of a special
lecture read out at the Forty-First Session of the Indian Science Congress at
Hyderabad on January 7, 1954.

USSR/Agriculture - Seed hybridization

Card 1/1 : Pub. 86 - 3/34

Authors : Tsitsin, N. V., Academician

Title : Hybridization of plants

Periodical : Priroda 1, 21-34, Jan 1954

Abstract : The advantages of hybridization in the creation of new highly-fertile and new culture plants (particularly wheat and rice), are described. The contributions of I. V. Michurin's achievements to the development of Soviet agriculture are mentioned. Three USSR references (1937-1952). Illustrations; table.

Institution :

Submitted :

TSITSIN, N., Academician

"We will Help our Beloved Native Land," Vozhatyy, No. 2, according to Komsomol'skaya Pravda, 6 Feb 54.

TSITSIN, N.V., akademik.

The Soviet botanical laboratory. Biul. VFNR no.5-6:85-86 S-0 '54.
(MLRA 7:9)

1. Direktor Glavnogo botanicheskogo sada.
(Moscow--Botanical gardens) (Botanical gardens--Moscow)

TSITSIN, N.V., akademik.

National school. Znan.sila no.7:1-7 Jl '54. (MIRA 7:7)
(Moscow--Agricultural exhibitions) (Agricultural exhi-
bitions--Moscow)

TSITSIN, N.

USSR/Miscellaneous - Agricultural exhibition

Card 1/1 : Pub. 77 - 1/22

Authors : Tsitsin, N.

Title : A school of the advanced experiment

Periodical : Nauka i Zhizn' 8, 1-2, Aug 1954

Abstract : The Moscow agricultural exhibition, opened on the 1st of August 1954, is considered a school of advanced experimentation. (The exhibition shows agricultural products and equipment of the Soviet collective farms and tractor-combines). Illustration.

Institution :

Submitted :

TSITSIN, N.V.

TSITSIN, N.V.

Tasks of biological sciences in view of the resolution of the plenum
of the Central Committee of the Communist Party of the Soviet Union
"Measures for the further development of agriculture of the U.S.S.R."
Biul.Glav.bot. sada no.17:3-16 '54. (MIRA 8:3)
(Agriculture)

751731N, N.V.

TSITSIN, N.V.

Scientific work in landscaping and landscape gardening. *Biul. Glav.*
bot.sada no.18:3-12 '54. (*MLRA 8:3*)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Landscape gardening)

TSITSIN, N. V.

USSR/Agriculture

Card 1/1

Author : Tsitsin, N. V., Academician

Title : Very important Government problem - increased agricultural production

Periodical : Nauka i Zhizn' 21/4, 3-5, April 1954

Abstract : Heavy industry has reached such a level of development as to warrant a sharp increase in the production of articles for every-day use, including those for agriculture. The increasing of agricultural production is urged, especially, grain for export. The article presents ideas for making use of waste land, intensifying cultivation, etc. Problems of moisture and fertilization are also considered.

Institution :

Submitted :

LYABAKH, B.V., inzh.; TSITSIV, M.V., inzh.

Low-pressure atomizer of poisonous chemicals with a film forming device. Trakt. i sel'khoz mash. 33 no.12:30-31 D '63. (MIRA 17:2)

1. Gosudarstvennoye spetsial'noye konstruktorskoye byuro Soveta narodnogo khozyaystva Moldavskoy SSR.

TSITSIN, N.V., akademik.

School of progressive experience. Nauka i zhizn' 21 no.8:1-2
Ag '54. (MLRA 7:8)

1. Direktor sel'skokhozyaystvennoy vystavki.
(Moscow--Agricultural exhibitions) (Agricultural exhibitions--Moscow)

TSITSIN, N.V., akademik.

All-Union review of socialist agriculture. Gor.khoz.Mosk. 28
no.8:1-6 Ag '54. (MLRA '7:9)

1. Direktor Vsesoyuznoy sel'skokhozyaystvennoy vystavki.
(Moscow--Agricultural exhibitions) (Agricultural exhibitions--Moscow)

OPARIN, A.I., akademik; TSITSIN, N.V., akademik; KHRUSHCHOV, G.K.; ANICHKOV, N.N., akademik; BYKOV, K.M., akademik; KURSANOV, A.L.; LYSENKO, T.D.; TYURIN, I.V.; HUZHDIN, N.I.; IVANOV-SMOLENSKIY, A.G.; STUDITSKIY, A.N., professor; DOZORSEVA, R.L., kandidat biologicheskikh nauk.

Greetings to Academician M.N.Pavlovskii. Zool.shur. 33 no.2:241-242
Mr-Apr '54. (MLRA 7:5)

1. Akademik-sekretar' Otdeleniya biologicheskikh nauk Akademii nauk SSSR (for Oparin). 2. Zamestiteli akademika-sekretarya Otdeleniya biologicheskikh nauk (for TSitsin and Khrushchov). 3. Chlen-korrespondent Akademii nauk SSSR (for Khrushchov and Nuzhdin). 4. Chleny Byuro (Anichkov, Bykov, Kursanov, Lysenko, Tyurin, Nuzhdin, Ivanov-Smolenskiy, Studitskiy). 5. Deyatvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Ivanov-Smolenskiy). 6. Uchenyy sekretar' Otdeleniya biologicheskikh nauk Akademii nauk SSSR (for Dozortseva).
(Pavlovskii, Evgenii Nikanorovich, 1884-)

TSITSIN, N.V., akademik.

~~SECRET~~
Remote hybridization of plants. Priroda 43 no.1:21-34 Ja '54.
(MLBA 7:1)
(Hybridization, Vegetable)

TSITSIN, N.V., akademik.

National review of the achievements of socialist agriculture.
Priroda 43 no.8:3-14 Ag '54. (MLRA 7:8)
(Moscow--Agricultural exhibitions) (Agricultural exhi-
bitions--Moscow)

Tsitsin, N. V.
USSR/ Agriculture - Grain hybridization

Card 1/1 : Pub. 86 - 37/38

Authors : Tsitsin, N. V., Academician

Title : The possibility of hybridization between wheat, barley and rye

Periodical : Priroda 43/12, page 127, Dec 1954

Abstract : The author finds that hybridization between such grain cultures as wheat, barley and rye has thus far not been attained and is beyond the range of practicability.

Institution :

Submitted :

TSITSIN, N.V.

N/5
601.1
.T8

Nauchno-Issledovatel'skiye Uchrezhdeniya (Scientific Research Institutions)

Vnevystobochnyy Pokaz. Kratkiy Putevoditel'. Moskva, Moskovskiy Rabochii, 1955.

140 P. Illus. At Head of Title: Moscow. Vsesoyuznaya Sel'skokhozyaystvennaya

Vystavka.

VIKTOROV, A.S.; TROSHIN, D.M.; TSITSIN, N.V., akademik, redaktor; KALASHNIKOVA, V.S., redaktor; SOKOLOVA, N.N., tekhnicheskii redaktor

[The All-Union Agricultural Exhibition of 1954] Vsesoiuznaia sel'skokhoziaistvennaia vystavka 1954 goda. Pod red. N.V.TSitsina. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 806 p. (MLRA 9:8)

1. Moscow. Vsesoiuznaya sel'skokhozyaystvennaya vystavka, 1954-
(Moscow--Agricultural exhibitions)

TSITSIN, N.V.

Remote hybridization of plants as a method of creating new varieties
and cultures. Biul.Glav.bot.sada no.20:3-6 '55. (MLRA 8:9)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Hybridization, Vegetable)

TSITSIN, N.V., akademik

Academician V.N. Sukachev; on his 75th birthday and the 55th anniversary of his scientific activities. Biul. Glav. bot. sada no. 21:3-6 '55. (MIRA 8:12)

(Sukachev, Vladimir Nikolaevich, 1880-)

TSITSIN, N.V., akademik

New developments in agriculture shown at the All-Union
Agricultural Exhibition. Nauka i zhizn' 22 no.6:1-2 Je '55.
(Moscow--Agricultural exhibitions) (MIRA 8:8)

TSITSIN, N.V.

Towards further development of I.V.Michurin's theories (on the one hundredth anniversary of his birth). Biul.Glav.bot.sada no.23:3-10 '55. (Michurin, Ivan Vladimirovich, 1855-1935) (MIRA 9:7)

TSITSIN, N.V., akademik.

Michurin and his teachings. Vest. AN SSSR 25 no.10:3-15 0 '55
(Michurin, Ivan Vladimirovich, 1855-1935) (MLRA 9:1)

TSITSIN, N.V., akademik; CHERKASSKIY, Ye.S., doktor veterinarnykh nauk,
professor.

Activated creolin is the main remedy against sheep scab. Vete-
rinariia 32 no.7:41-43 J1 '55. (MLRA 8:9)
(SCAB DISEASE IN SHEEP) (CREOLIN)

USSR/Agriculture - Expositions

Card 1/1 Pub. 86 - 1/36

Authors : Tsitsin, N. V., Academician

Title : All-Union agricultural exposition for the year 1955

Periodical : Priroda 44/6, 3 - 10, Jun 1955

Abstract : An account is given of the reopening of the permanent agricultural exposition in Moscow after having been closed for the winter. The various exhibits are described separately, with special emphasis on the farm machinery displays, corn growing and stock raising. The exposition covers also the opening up of new lands, scientific methods for increasing harvest, including the growing of two crops per year in certain instances. Illustrations.

Institution :

Submitted :

USSR/Miscellaneous - International relations

Card 1/1 Pub. 86 - 6/38

Authors : Tsitsin, N. V., Academician

Title : With Indian friends

Periodical : Priroda 44/7, 48 - 53, Jul 1955

Abstract : An account is given of the visit of a Soviet delegation to India in November of 1954, at the invitation of the India-Soviet Cultural Society. The account covers travel episodes, places and institutions visited, and the agreeable meeting with individuals and groups. Stress is laid on what the author calls the harmful effects of the colonial period, which he considers to be the cause of India's lack of progress. Illustrations.

Institution :

Submitted :

TSITSIN, N.V., akademik; TROSHIN, D.M.

Famous biologist; on the occasion of the 100th anniversary of
I.V. Michurin's birth. Priroda 44 no.10:3-12 0'55. (MLRA 8:12)
(Michurin, Ivan Vladimirovich, 1855-1935)

TSITSIN, NIKOLAI VASIL' YEVICH, ED.

ED.
.PS1057
1956

TSITSIN, NIKOLAI VASIL' YEVICH, ED.

U.S.S.R. agricultural exhibition. Moscow, 1956.

(100), 16 P. illus.

Translated from the original Russian: Vsesoyuznaya sel' sko-
khozyastvennaya vystavka.

"Russian text written by M. Yeroshkevich".

PH

T.S. TSIN, N.V.

USSR/General Division. General Problems. Philosophy. Methodology/A-1

Abs Jour -: Ref Zhur - Biologiya, No 1, 1957, 1

Author : N.V. Tsitsin

Title : I.V. Michurin and Contemporary Biology

Orig Pub : Vopr. filosofii, 1955, No 5, 94-111

Abstract : The development of science is a progressive process. Succession is the basic law of its development. The most important discoveries and developments made in science were always based on the preceeding history of its development. Revolutionary and radical changes in science are preceeded by periods in which factual material is accumulated, thorough investigations are conducted, and individual theoretical contribution which lay the foundation for great discoveries are made. New directions and trends in science close the preceeding stage of scientific development, and in their turn become the springboard and basis for its further advance. Attempts to ignore this basic law of the

Card 1/8

USSR/General Division. General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 1

Abstract : development of science, and in particular Michurin's disagreement with Darwin who has nothing in common with Marx's analysis of the history of science have been noted. These attempts do not enhance, but to the contrary tend to diminish the importance of Michurin. The distinguishing characteristic of Michurin was indeed in the fact that he was abreast of the biology contemporary to him, was aware of the successes and achievements of his predecessors, and was cognizant of their weak points and errors. He was aware of the multi-sided struggle between directions and trends in biology at the end of the 19th and at the beginning of the 20th centuries, elucidated the progressive as well as the reactionary tendencies of the science on life, and has determined his relation to these tendencies. Michurin correctly determined the path of the further development of biology,

Card 2/8

USSR/General Division. General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 1

Abstract : discovered new laws of the development of life in nature, laws not known in the preceding periods of the development of biology, and raised the science of biology to a higher level. The Michurin stage in biology was the creative stage in the development of Darwinism, the most important stage in the history of biology which became the basis for the further and more thorough study of life in nature.

In the inferences of Darwin's teachings there were weak points: Malthusianism, and the negation of periodic stages in the development of the organic world. However, the positive points of Darwin's teachings which negated metaphysics in explaining the development of the organic world were of decisive significance to the further development of the science on life. At the same time Darwinism confronted biology with a number of not as yet solved problems, and in particular with the problem of clarifying the reasons for indivi-

Card 3/8

USSR/General Division. General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 1

Abstract : dual development. Without such clarification, the complete knowledge of the factors of organic evolution is impossible. Darwinism did not attempt to solve the problems of active influence on life in nature. The conditions in which Darwinism gave no rise to this problem, a problem which confronted the new social order, socialism, and which was solved by Michurin. Brief characteristics of the development of biology during the past hundred years since Darwin, and guidance for the struggle of the materialistic trend in the science on life against the idealistic are given. The significance of Darwinism in this respect is emphasized, and the importance of the Michurin stage in the development of biology in the methodological as well as the practical regard are set forth. Michurin's teachings were initially based as follows: a successive materialistic approach to the objects of investigation; a

Card 4/8

USSR/General Division. General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 1

Abstract : knowledge of dialectic methods of analysis of processes and laws of the phenomena of life in nature; and the active utilization of the objects which are investigated for the purpose of their transformation for the benefit of human society. The characteristic features of Michurin's creative activity are the creation of new methods of investigation; the development of deep and improved methods of influence on the nature of organisms, based on the concept of the unity and contradictions of the organism and the environment. Indicated is the advanced significance of the creativeness of the Michurin method of sexual vegetative hybridization in connection with selection, the growing of hybrid seeds, and selection. The theoretical and methodical importance of distant taxonomic (interspecies and inter-family) hybridization as a factor in the formation of new forms in the evolutionary process is particularly emphasized (see details in

Card 5/8

USSR/General Division. General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 1

Abstract : RZhBiol, 1956, 61, 576). New forms of plants (more than 300) developed by Michurin were for most part created by means of hybridization of interspecies in which the pair of parents as well as distant specie and family breeds by their origin belong to different ecological and geographical zones. He outlined a number of principally new methods for overcoming the failure of interspecie and interfamilial breeds to cross-breed. These methods comprise the use of an intermediary; the application of a mixture of polons: a mentor, and preliminary bringing together of vegetation, etc. The surmounting of the failure to cross-breed; the control of the dominating factors by the method of growing hybrid forms, the derivation of complex hybrids, these are the most important achievements of Michurin which became the basis for the search of new methods of the creation of highly productive forms in plant growing

Card 6/8

USSR/General Division. General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 1

Abstract : and in animal husbandry. The hybridization of vegetation is of great theoretical importance inasmuch as it refutes the ideas of specific heritage and the impossibility of the transmission by heritage of traits and properties through vegetative organs and somatic cells. Michurin's points of view on the nature of heredity, the process of the natural evolution of species, and the problems which stem from it; the control of processes of specie evolution for greater detail see RZhBiol, 1956, 61576) on the basis of the utilization of historically developed traits and properties of the species through the accumulation of new traits under the influence of existing conditions, and strengthening these traits by means of selection in the process of specie developments are briefly reported. The theoretical summations of Michurin form a new stage in the development of biology. Having adopted the materialistic

Card 7/8

USSR/General Division. General Problems. Philosophy.
Methodology.

A-1

Abs Jour : Ref Zhur - Biologiya, No 1, 1957, 1

Abstract : teaching of Darwin he creatively developed it, transformed it into a science which made it possible not only to explain but also to transform the world. In conclusion the concrete result of the development of the Michurin science, its successes and the achievements of his disciples and successors in plant growing as well as in animal husbandry, including the achievements of the author in the field of distant hybridization, are reported. Pointed out is also the wide dissemination of Michurin's teachings in the people's democratic countries, China, Vietnam and Mongolia.

Card ; 8/8

TSITSIN, N.V.

Theoretical and practical problems of remote hybridization. Izv.
AN SSSR. Ser.biol. no.6:733-742 N-D '57. (MIRA 10:12)

1. Glavnyy botanicheskiy sad AN SSSR.
(HYBRIDIZATION, VEGETABLE)

AUTHOR: Tsitsin, N.V., Academician

4-11-7/34

TITLE: Young Friends! (Yunyye druz'ya!)

PERIODICAL: Znaniye - Sila, 1957, # 11, p 7 (USSR)

ABSTRACT: One of the many appeals of well-known Soviet scientists appearing in this periodical on the occasion of the 40th anniversary of the October Revolution. It is addressed to the Soviet Youth, mentions the past years of struggle and sacrifices, and of enthusiastic work.
There is 1 sketch.

AVAILABLE: Library of Congress

Card 1/1

TSITSIN, N.V.

TSITSIN, N.V.

Significance of remote hybridization for plant and animal breeding [with
summary in English]. Zhur. ob. biol. 18 no.6:409-422 N-D '57.
(Hybridization) (MIRA 10:12)

TSITSIN, N.V.; CHERKASSKIY, Ye.S.

Activated creolin as a means for controlling plant pests. Biol.
Glav. bot. sada no.28:83-85 '57. (MIRA 11:1)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Creolin) (Insecticides)

1-17-72 N.V.
GUTMAN, Ye. I., redaktor; DZYUBA, M.L., redaktor; POLYANOVSKIY, V.M.,
redaktor; YUROVITSKIY, Ye. N., redaktor; ABROSIMOV, M.A., redaktor;
GERASIMOV, P.K., redaktor; D'YAKOV, M.I., redaktor; SAVEL'YEV, B.V.,
redaktor; TSITSIN, N.V., redaktor; YAKUSHKIN, I.V., redaktor

[Collective farmer's calendar for 1948] Kalendar' kolkhoznika na
1948 god. [n.p.] Gos. izd-vo sel'khoz. lit-ry [n.d.] (MLRA 10:4)
78 p.
(Collective farms)

TSITSIN, N

V

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DIKRASTUSHCHUYU FLORU - NA SLUZHBU NARODNOMU KHOZYAYSTVU. MOSKVA, IZD--VO ZNANIYE,

1952.

22 P. (VSESOUZNOYE OBSHCHESTVO PO RASPROSTRANENIYU POLITICHESKIKH I NAUCHNYKH
ZNANIY. 1952, SERIYA 2, NO. 53)

RUSSIA

TSITSIN, Nikolai Vasil'yevich, 1898--., redaktor

~~[Guidebook]~~ Putevoditel'. Moskva Sel'khozgiz, 1956. 508 p.
(MIRA 10:4)

1. Moscow. Vsesoyuznaya sel'skokhozyaystvennaya vystavka, 1954--.
(Moscow--Agricultural exhibitions)

TSITSIN, N.Y.

KOVUN, P.K., NEVZOROV, A.P., ANTONENKO, G.P.; BUDINA, L.V.; VORONINA, Ye.P.; GUSEV, P.I.; YELAGIN, M.N.; ZHURAVLEV, M.A.; ZALOZNYI, K.D.; KOMKOV, V.N.; KOROBV, A.S.; KORCHAGIN, V.N.; LAVROV, V.N.; LAPSHINA, O.V.; LUTIKOV, I.Ye.; MAKEVININ, A.Ya.; MOROZOVA, F.I.; NEVZOROV, A.P.; PONOMARCHUK, M.K.; PUCHKOV, A.M.; RAZMOLOGOVA, A.M.; RUBIN, S.M.; SELEZNEVA, O.V.; SEMENOVA, F.I.; SPIRIDONOVA, A.I.; SUSHCHEVSKIY, M.G.; USOV, M.P.; TARKOVSKIY, M.I.; CHENYKAYEVA, Ye.A.; SHENDRIKOV, G.I.; SHUL'GIN, G.T.; TSITSIN, N.Y., akademik, redaktor; REVENKOVA, A.I., redaktor; KHOKHRINA, N.M., khudozhestvennyy redaktor; VESKOVA, Ye.I., tekhnicheskiiy redaktor; PEVZNER, B.I., tekhnicheskiiy redaktor.

[Plant breeding at the 1955 All-Union Agriculture Exhibition] Rasteniyevodstvo na Vsesoiuznoi sel'skokhoziaistvennoi vystavke 1955 goda. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1956. 687 p. (MLA 10:4)
(Moscow--Plant breeding--Exhibitions)

TSITSIN, N.V.

I.V. Michurin and the significance of his teaching in modern
biology. Biul. Glav. bot. sada no. 23-14 '56. (MIRA 10:1)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Michurin, Ivan Vladimirovich, 1855-1935) (Hybridization,
Vegetable)

TSITSIN, N.V.

Protection of ornamental plants against diseases and pests.
Biol.Glav.bot.sada no.25:113-116 '56. (MIRA 10:1)
(Plants, Ornamental--Diseases and pests)

~~TSITSIN, N.V.~~ akademik, otvetstvennyy redaktor; ASTROV, A.V., redaktor
izdatel'stva; ZELINKOVA, Ye.V., tekhnicheskiy redaktor

[Guide to the conservatory of the Main Botanical Garden] Pute-
voditel' po oranzherее Glavnogo botanicheskogo sada. Moskva,
Izd-vo Akad.nauk SSSR, 1957. 129 p. (MIRA 10:8)

1. Moscow. Glavnyy botanicheskiy sad, Pushkinskoye.
(Moscow--Botanical gardens)

TSITSIN, N.V.

VAVILOV, N.I. akademik; BAKHTSEYEV, F.Kh., professor, doktor sel'skokhozyaystvennykh nauk, otvetstvennyy redaktor; BARANOV, P.A., redaktor; BAKHTSEYEV, F.Kh., redaktor; DAVITAYA, F.F., redaktor; ZHUKOVSKIY, P.M., redaktor; IVANOV, N.P., redaktor; SUKACHEV, V.N., akademik, redaktor; TSITSIN, N.V., akademik, redaktor; VIKHREV, S.D., redaktor izdatel'stva; BLISYKH, E.Yu., tekhnicheskiiy redaktor.

[World resources of varieties of grain, pulse crops and flax, and their utilization in plant breeding Agroecological survey of the most important field crops] Mirovye resursy sortov khlebnnykh zlakov, zernovykh bobovykh, l'na i ikh ispol'zovanie v selektsii. Moskva, Izd-vo Akad.nauk SSSR. Opyt Agroekologicheskogo obozreniya vazhneishikh polevykh kur'tur. 1957. (MLRA 10:5) 462 p.

1. Chlen-korrespondent Akademii nauk SSSR (for Baranov) 2. Deystvitel'nyy chlen Vsesoyuznoy Akademii sel'skokhozyaystvennykh nauk im. Lenina (for Zhukovskiy)

(Field crops)

TSITSIN, N. V.

"Important Reserves of Rising Productivity," Pravda, No 61, 2 Mar 55, p. 2.

TSITSIN, N.V. akademik; PODDUBNAYA-ARNOL'DI, V.A.

On the biology of flowering in perennial wheat. Dokl. AN SSSR 108
no.2:352-355 My '56. (MIRA 9:9)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Wheat) (Plants, Flowering of)

TSITSIN, N.V., akademik; CHERKASSKIY, Ye.S., professor.

Activated creolin. Nauka i pered.op.v sel'khoz. no.7:50-53 J1 '57.
(MLRA 10:8)

(Creolin)

TSITSIN, N.V.

Role of remote hybridization in plant breeding. Biul. Glav. bot.
sada no.34:3-10 '59 (MIRA 13:3)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Fruit culture)

TSITSIN, Nikolay Vasil'yevich, akademik; ISAYEV, V.A., red.

[Hybridization of plants] Gibrizatsiya rastenii. Moskva, Znanie, 1965. 43 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 18)
(MIRA 18:10)

TSITSIN, N.V., akademik

Intensification of agriculture and activity of the botanical
gardens of the U.S.S.R. Biul. Glav. bot. sada no.55:3-16 '64.
(MIRA 18:11)

TSITSIN, N.V., akademik, otv. red.; BYLOV, V.N., red.; VERZILOV,
V.F., red.; KUL'TIASOV, M.V., red.; LAPIN, P.I., red.;
MALYGIN, Yu.N., red.; OGOLEVETS, G.S., red.; SUKHORUKOV,
K.T., red.; CHERKASSKIY, Ye.S., red.; SAFONOV, V.I., red.

[Evolutionary biochemistry of plants] Evoliutsionnaia bio-
khimiia rastenii. Moskva, Izd-vo "Nauka," 1964. 142 p.
(MIRA 17:4)

1. Moscow. Glavnyy botanicheskiy sad.

TSITSIN, N.V., akademik

Raising the culture of farming. Priroda 53 no.6:2-12 '64.
(MIRA 17:6)

TSITSIN, N.V.; DOBROKHVALOV, V.P.

Experimental botany and botanical gardens. Biul.Glav.bot.sad
no.52:3-15 '64. (MIRA 17:4)

TSITSIN, N.V., akademik, otv. red.; LYUBIMOVA, V.F., red.; MAKHALIN,
M.A., red.; SHCHERBAKOV, V.K., red. izd-va; VOLKOVA, V.V.,
tekhn. red.; RYLINA, Yu.V., tekhn. red.

[Hybrids of remote crossings and polyploids] Gibridy otdalen-
nykh skreshchivaniy i poliploidy. Moskva, Izd-vo AN SSSR,
1963. 202 p. (MIRA 16:10)

1. Moscow. Glavnyy botanicheskiy sad.
(Hybridization, Vegetable) (Polyploidy)

TSITSIN, N.V.

Immediate tasks of the botanical gardens in the U.S.S.R. Biul.
Glav. bot. sada no.46:3-11 '62. (MIRA 16:5)
(Botanical gardens)

TSITSIN, N.V.; SILEVA, M.N.

Chemical composition of seeds in the Siberian pea tree. Biul.
Glav. bot. sada no.46:53-55 '62. (MIRA 16:5)

1. Glavnyy botanicheskiy sad AN SSSR.
(Pea tree) (Seeds)

TSITSIN, N.V.

Main Botanical Garden at a new stage. Biul. Glav. bot. sada
no.45:3-6 '62. (MIRA 16:2)
(Moscow—Botanical gardens)

TSITSIN, N.V., akademik; CHERKASSKIY, Ye.S.; BUSHCHIK, T.N.; SHMAL'KO, V.F.;
LYUDOVA, G.L.; KILIMNIK, Ye.Ye.; BELYAYEVA, A.S.; Primali
uchastiye: AZIYASHVILI, L.N.; ANTONOVA, I.I.; VOLKOVA, A.A.;
DOBROCHINSKAYA, I.B.; MIROSHNICHENKO, O.N.; YUZHAKOVA, N.P.

New data on the control of cabbage flies (*Chortophila brassicae*
Bouché and *Chortophila floralis* Fall.). Dokl.AN SSSR 144
no.2:457-460 My '62. (MIRA 15:5)

1. Glavnyy botanicheskiy sad AN SSSR, Opytno-pokazatel'nyy
sovkhoz im. Mossoveta i Sovkhoz im. A.M.Gor'kogo.
(Cabbage--Diseases and pests)

TSITSIN, N.V., akademik

The role of the main botanical grade in supplying plantings to
cities. Gor. khoz. Mosk. 36 no.9:30-31 S '62. (MIRA 15:10)
(Moscow Botanical gardens) (Landscape gardening)

TSITSIN, N.V., akademik, otv.red.; BREZHNEV, D.D., akademik, zamestitel'
otv.red.; GORYUNOV, D.V., zamestitel' otv.red.; BYLOV, V.N., red.;
GOLOVINSKAYA, K.A., kand.biolog.nauk; red.; KELLI, A.Ch., red.;
LAPIN, P.I., red.; MAKHALIN, M.A., red.; OGOLEVITS, G.S., red.;
FORTUNATOV, I.K., red.izd-va; VASINA-POPOVA, Ye.T., red.izd-va;
GUS'KOVA, O.M., tekhn.red.

[Remote hybridization of plants and animals; problems in fruit
culture, forestry, and animal breeding] Otdalennaya gibridi-
zatsiya rastenii i zhivotnykh; voprosy plodovodstva, lesovodstva
i zhivotnovodstva. Moskva, Izd-vo Akad.nauk SSSR, 1960. 597 p.
(MIRA 13:5)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk imeni V.I.
Lenina. 2. Pervyy vitse-prezident Vsesoyuznoy akademii sel'sko-
khozyaystvennykh nauk imeni V.I.Lenina (for Brezhnev). 3. Institut
biologicheskoy fiziki Akademii nauk SSSR i Vserossiyskiy nauchno-
issledovatel'skiy institut prudovogo rybnogo khozyaystva, Moskva
(for Golovinskaya).
(Hybridization)

TSITSIN, N. V.

USSR / General and Specialized Zoology. Insects. P
Insect and Mite Pests.

Abs Jour : Ref Zhur - Biol., No 10, 1953, No 44907

Authors : Tsitsin, N. V.; Cherkasskiy, Ye. S.

Inst : Not given

Title : A New Preparation for Controlling Moths and
Dermestid Beetles.

Orig Pub : Sov. potrebit. kooperatsiya, 1957, No. 3, 53-54.

Abstract : Furs treated with 1% activated creoline were not
damaged for 3 years. Moth larvae, transferred
to treated furs, perished. The preparation was
harmless to all kinds of furs but had a positive
effect in provision stores, bases and furshops.
The furs were treated with a "dezinfa" disin-
fecting apparatus, while an hydraulic
hose was used within the interior surfaces of

Card 1/2

USSR / General and Specialized Zoology. Insects. P
Insect and Mite Pests.

Abs Jour : Ref Zhur - Biol., No 10, 1958, No 44907

the stores and on the shelves. The cost of treatment was 0.25-30 kop/1 m² of the store surface, the cost of the preparation for the treatment of one pelt of big horned cattle was 0.25 kop. and of a smaller fur was 0.05 kop. --
A. P. Adrianov.

Card 2/2

Tsitsin, N. V.
USSR / General and Special Zoology. Insects. Insects P
and Arachnids. Chemical Method of Controlling
Harmful Insects and Arachnids.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96499.

Author : Tsitsin, N. V.; Cherkasskiy, Ye. S.
Inst : The Main Botanical Garden, AS USSR.
Title : Activated Creolin - A New Method of Controlling
Plants' Pests.

Orig Pub: Byul. Gl. botan. sada. AN SSSR, 1957, vyp. 28,
83-85.

Abstract: Universal action and causes of high effective-
ness of activated creolin (AC). Domestic and
industrial methods of AC preparation. Physical
and chemical properties of AC. According to
data of the Main Botanical Garden, AC completely
destroys inner closed soil - the green and the

Card 1/2

USSR / General and Special Zoology. Insects. Insects F
and Arachnids. Chemical Method of Controlling
Harmful Insects and Arachnids.

Abs Jour: Ref Zhur-Biol., No 21, 1958, 96499.

Abstract: black aphid (in a 0.125-0.25% concentration; the spider mites (0.5-1%), the farinaceous scale, the soft pseudo-scale, the ivy and the hemisphere scale (1%); in open soil - the apple and prune aphid (0.12%), the lilac-moth caterpillars and the larvae of the thick-skinned willow sawfly (0.55%). Aerosols derived from dephenolated coal oils with a 2% γ -isomer of BHC destroy the numerous pests of the oak, the poplar, the birch, the nut tree, acacia and other species. -- A. P. Adrianov.

Card 2/2

20

TSITSIN, N.V., akademik

International meeting of horticulturists. Vest. AN SSSR 28 no.12:
64-68 D '58. (MIRA 11:12)
(Horticulture)

ИСТИНА, НЕОЛЫТ (АБЛ) 1933.

The problem of winter and perennial wheat; wheat-couch grass hybrids.

Omsk Sib. k. m. in-t zernogo kh-va 1933.

101 p.

Yudin SB191. W5T85

TSITSIN, N.V., akademik, otvetstvennyy red.; TERENT'YEVA, M.I., red. izdva;
ZELINKOVA, Ye.V., tekhn. red.

[Remote hybridization in the family of grasses] Otdalennaya gibri-
dizatsiya v semeistve zlakovykh. Moskva, Izd-vo Akad. nauk SSSR,
1958. 282 p. (MIRA 11:7)

1. Moscow. Glavnyy botanicheskiy sad, Pushkinskoye.
(Grasses) (Hybridization, Vegetable)

TSITSIN, N. V.

"My Researches in Distant Hybridization," Science and Culture, Sept 1955,
Vol. 21, No. 3

(Report delivered by N. V. Tsitsin, Bose Inst, Calcutta, 7 Dec 54)

Acad. Sci. USSR, Moscow.

VOROSHILOV, V.N.; DAYEVA, O.V.; YEVTYUKHOVA, M.A.; YEGOROVA, Ye.M.;
KUZNETSOV, V.M.; KUL'TIASOV, N.V.; NEKRASOV, A.A.; SUROVA,
V.P.; TARASOVA, T.I. *Prinimali uchastiye* BELOVAYA, Yu.N.;
KHRYCHEVA, G.P.; TSITSEN, N.V., akademik, *otv. red.*;
ASTROV, A.V., *red. izd-va*; LAUT, V.G., *tekhn.red.*

[Native plants of the U.S.S.R.; brief summary of introduction
work in the Main Botanical Garden of the Academy of Sciences of
the U.S.S.R.] *Rasteniia prirodnoi flory SSSR; kratkie itogi
introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR.*
Moskva, Izd-vo Akad. nauk SSSR, 1961. 359 p. (MIRA 15:3)

1. Moscow. Glavnyy botanicheskiy sad.
(Plant introduction) (Moscow—Botanical gardens)

BYLOV, V.N.; SHTAN'KO, I.I.; YUDINTSEVA, Ye.V.; MIKHAYLOV, I.L.;
TSITSIN, N.V., akademik, otv. red.; OGOLEVETS, G.S., red.
izd-va; VOLKOVA, V.V., tekhn. red.

[Roses; brief results of introduction at the Main Botanical
Garden of the Academy of Sciences of the U.S.S.R.] Rozy;
kratkie itogi introduktsii v Glavnom botanicheskom sadu
Akademii nauk SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962.
223 p. (MIRA 15:8)

1. Moscow. Glavnyy botanicheskiy sad.
(Moscow—Roses—Varieties)

TSITSIN, N.V., akademik; CHERKASSKIY, Ye.S.; SHMAL'KO, V.F.

Activated creolin as a new radical means of controlling the strawberry mite *Tarsonemus pallidus* Banks (= *T. Fragariae*, Zimm.). Dokl. AN SSSR 141 no.6:1527-1530 D '61. (MIRA 14:12)

1. Glavnyy botanicheskiy sad AN SSSR.
(Creolin) (Mites) (Strawberries--Diseases and pests)

S/020/62/144/002/028/028
B144/B101

AUTHORS: Tsitsin, N. V., Academician, Cherkasskiy, Ye. S., Bushchik,
T. N., Shmal'ko, V. F., Lyadova, G. L., Kilimnik, Ye. Ye.,
and Belyayeva, A. S.

TITLE: Latest about the struggle against cabbage maggots
(*Chortophila brassicae* Bouché and *Ch. floralis* Fall.)

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 144, no. 2, 1962, 457 - 460

TEXT: A cheap insectofungicidal repellent dust ИФРД (IFRD) was prepared from by-products of the production of activated creolin (AC) and hexachloro cyclohexane (HCCH) by mixing with peat or other fillers. In 1960 excellent results were obtained in small-scale tests by dusting cauliflower, with 10-12 g of coarse-grained peat creolin dust per plant (AC - peat mixture of 1 : 3). Oviposition before the test, damage to roots and number of maggots during the crop were observed. One treatment was sufficient for initial oviposition (single eggs on 4-8 % of the plants); two dustings were applied at 14-day interval with massive oviposition (on 74.7 % of the plants). A finer-grained preparation was used in 1961, Card 1/3

S/020/62/144/002/028/028

B144/B101

Latest about the struggle against

which reduced considerably the consumption. Treatment with IFRD was carried out as follows by: immersing the root before planting in 0.5, 1, and 2 % suspensions for 1-3 min; putting into peat humus pots (250, 300, 350, and 500 g per 10 kg of peat mixture); placing in the planting holes (10, 20, 50 g per hole); sprinkling the root with 50 cm³ of 3, 5, and 10 % suspension; dusting the collum (1-6 g). The latter method was the most efficient. Similar results were obtained by sprinkling with 50 cm³ of 10 % IFRD suspension, a method requiring no additional work. Considerable yield increases (2-24 tons per ha) were attained for several varieties of cauliflower and head cabbage (no. 1, Chinese, and 'Slava' cabbage) by one or two dustings with 3-6 g of IFRD after initial or massive oviposition, respectively, and by abundant, additional sprinkling to guarantee a fast penetration of the liquid. Plant and fruit were not unfavorably affected. IFRD residues in the cabbage were not found by the Sanitarno-epidemiologicheskoy stantsiya Moskvyy (Moscow Sanitation Epidemiological Station). IFRD is harmless to workers, and not inferior in efficiency to expensive organochlorine compounds. There are 2 tables.

Card 2/3

Latest about the struggle against....

S/020/62/144/002/028/028
B144/B101

ASSOCIATION: Glavnyy botanicheskiy sad Akademii nauk SSSR (Main Botanical Garden Academy of Sciences USSR); Opytno-pokazatel'nyy sovkhoz im. Mossoveta (Experimental and Model Sovkhoz imeni Mossovet); Sovkhoz im. A. M. Gor'kogo (Sovkhoz imeni A. M. Gor'kiy)

SUBMITTED: February 9, 1962

↓

Card 3/3

TSITSIN, N.V.

A new species and new varieties of wheat. Biul. Glav. bot. sada
no. 38:38-41 '60. (MIRA 14:5)

1. Glavnyy botanicheskiy sad AN SSSR.
(Wheat--Varieties)

TSITSIN, N.V., akademik, otv. red.; RAZUMOVSKIY, S.M., red. izd-va; UL'YANOVA, O.G., tekhn. red.

[Tropical and subtropical plants; brief results of their introduction at the greenhouse of the Main Botanical Garden] Tropicheskie i subtropicheskie rasteniia; kratkie itogi introduktsii v oranzheree Glavnogo botanicheskogo sada. Moskva, Izd-vo Akad. nauk SSSR, 1961. 187 p.
(MIRA 14:10)

1. Moscow. Glavnyy botanicheskiy sad.
(Moscow—Tropical plants) (Plant introduction)

TSITSIN, N.V.

For the increase of grain yields by every possible means. Izv.AN
SSSR, Ser. biol. no.3:326-337 My-Je '60. (MIRA 13:7)

1. The Main Botanical Garden, Academy of Sciences of the U.S.S.R.,
Moscow.

(WHEAT)

(RYE)

TSITSIN, N.V., akademik

Let's raise the pea tree. IUn. nat. no.7:14-15 J1 '60.
(MIRA 13:8)

1. Glavnyy botanicheskiy sad AN SSSR, Moskva.
(Garagana)

TSITSIN, N.V., akademik

New branched subspecies of soft wheat. Dokl. AN SSSR 136 no.2:
463-464 '61. (MIRA 14:1)
(Triticum-agropyron hybrids)

TSITSIN, N.V.

Research carried out at the Main Botanical Garden of the Academy of Sciences of the U.S.S.R. Biul.Glav.bot.sada no.37:3-12 '60.
(MIRA 13:11)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Moscow--Botanical gardens)

VOROSHILOV, Vladimir Nikolayevich; TSITSIN, N.Y., akademik, otv.red.;
FORTUNATOV, I.K., red.izd-va; SHEVCHENKO, G.N., tekhn.red.

[Rhythmicity of development in plants] Ritm razvitiia u raste-
nii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 135 p.
(MIRA 14:2)

(Ontogeny (Botany))

TSITSIN, N.V.; LYUBIMOVA, V.F.

Branched-ear Triticum-Agropyron hybrids. Biul.Glav.bot.sada
no.36:3-10 '60. (MIRA 13:7)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Triticum-agropyron hybrids)

SUKACHEV, V.N., glavnyy red.; TOLMACHEV, A.I., otv.red.toma; KUPRIYANOVA, L.A., red.toma; BARANOV, P.A., red.; ZHUKOVSKIY, P.M., red.; ZALENSKIY, O.V., red.; KURSAHOV, A.L., red.; POLYANSKIY, V.I., red.; SOCHAVA, V.B., red.; TIKHOMIROV, B.A., red.; TSITSIN, N.V., red.; SHISHKIN, B.K., red.; BELKINA, M.A., red.izd-va; YAKOVLEVA, V.M., red.izd-va; ZENDEL', M.Ye., tekhn.red.

[Botanical problems] Problemy botaniki. Pod obshchei red. P.A. Baranova i dr. Moskva, Izd-vo Akad.nauk SSSR. Vol.4. 1959.
(MIRA 13:11)
275 p.

1. Vsesoyuznoye botanicheskoye obshchestvo. 2. Prezident Vsesoyuznogo botanicheskogo obshchestva (for Sukachev).
(Palynology)

Country : USSR
 Category : General Biology. Genetics. Plant Genetics. B
 Abs. Jour : RZhBiol., No. 2, 1959, No. 5155
 Author : Tsitsin, N. V.
 Institut. : Academy of Sciences USSR. Series of Biology.
 Title : Theoretical and Practical Problems of Remote Hybridization.
 Orig Pub. : Izv. AN SSR. Ser. biol., 1957, No. 6, 732-742
 Abstract : The high practical and theoretical significance of the work carried out in remote hybridization of plants is discussed. In the author's opinion the already existing species cannot be self-produced or developed from other existing species. New forms but not new species are developed by hybridization. The less the hybridization plants are related the more likely development of new species may occur. The possibility of developing remote hybrids in natural conditions is indicated and

Card: 1/5

Country :
 Category :
 Abs. Jour :
 Author :
 Institut. :
 Title :
 Orig Pub. :
 Abstract : examples of repollination of various species and geni are given. The problem of the selection of species and geni for hybridization is generally analyzed, on an example of the selection of initial forms of wheat grass (Agropyron) for hybridization with wheat. The description of a representative new species, Triticum Agropyrotriticum perenne, developed by the author by remote hybridization is given. Wheat-couch grass hybrids

Card: 2/5

KOROVIN, S.Ye., kand.biolog.nauk; T'MPKO, V.A., kand.biolog.nauk;
TIKHONENKO, I.I.; KONDRAT'YEVA, T.V.; SMYCHNIKOVA, T.V.;
~~TSITSIN, N.V.~~ akademik, otv.red.; FORTUNATOV, I.K., red.
izd-va; GUSEVA, A.P., tekhn.red.

[Botanical gardens of the world; brief manual] Botanicheskie
sady mira; kratkii spravochnik. Moskva, Izd-vo Akad.nauk
SSSR, 1959. 102 p. (MIRA 12:10)

1. Moscow. Glavnyy botanicheskiy sad. 2. Direktor Glavnogo
botanicheskogo sada AN SSSR (for TSitsin).
(Botanical gardens)